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Sent: 7/30/2015 8:43:43 PM
To: Duncan, Bruce [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ff04bb22dfc44cbb9fb60c1de6f6e130-Duncan, Bruce]; Barber, Anthony [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5e1b829ad1824045b9b91334160bd8b3-Barber, Anthony]
Subject: OWW top needs

1. Updating the National Industrial Stormwater Benchmark Monitoring Requirements

Region 10's NPDES Permits Unit has selected this as its top science need.

- The "benchmarks" are an integral part of the national industrial stormwater permit and help drive needed stormwater controls at industrial sites.
- The benchmarks were set when the permit was first issued in 1995 based on data available at the time. The benchmarks have not been updated since. Data gathered over the last 20 years should be reviewed to reflect whether the sectors covered by the permit are monitoring and controlling the appropriate parameters.
- The EPA multi-sector general permit serves as a national model, and states are often unable to go beyond the federal permit. So improving this permit will have positive implications nationally for industrial stormwater controls.
- Headquarters' Water Permits Division is also interested in this idea.
Contact: Margaret McCauley

2. Ocean Acidification

Region 10's Watersheds Unit has selected this as their highest priority science need.

- Region 10 is in litigation with the Center for Biological Diversity because we did not add waters to Oregon or Washington's 2010 303(d) lists for impairments due to ocean acidification. The sticking point is that most of the data and information available does not contain data that can be related to state water quality standards.
- There's quite a bit of new and existing literature on the topic, but Region 10 staff do not have the time or expertise to review it, and we are expected to respond quickly (within 30 days) when we get a listing submission from the state.
 - Region 10 needs a scientist available to review the literature on an as-needed basis.
- Region 10 staff would like literature review support for ocean acidification to be a priority in ORD's budget so that we can access support.
- Because states are not on a synchronized schedule for submitting 303(d) lists, Region 10 will need to review these on a rolling basis.
 - We can't always predict when we will need the help, but when we do, we need technical help in a timely way.
- 303(d) listing re: ocean acidification is an issue for all of the coastal states.
FYI - on October 2nd, 2014 Region 10 convened a group of Region 10 staff to discuss this need. Tom Fontaine and others from ORD's Newport Lab participated, as did Bill Fisher and others from the Gulf Ecology Division.
Contacts: Jill Fullagar and Rochelle Labiosa

3. PCBs

- Need additional information around the toxicity of the various PCB congeners, and particularly the non-dioxin-like congeners that typically are part of the "inadvertently produced" fraction. The broad brush with which PCBs are treated at the WQS standards step trickles down to impacts across the rest of the program.
- Need more congener-specific synoptic sampling information from water column, tissue and sediment sampling in order to better gauge the incidence and partitioning of PCBs in the environment.
Contact: Dan Opalski

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